

SUBALPINE VEGETATION AND RESTORATION FACTS

- There is an average of 83 plants per square foot in the subalpine meadows at Paradise.
- One step off trail tramples, on average, 20, 18, and 14 plants for a man's shoe size 11, woman's shoe size 8, and child's shoe size 2.
- Avalanche lilies are unlikely to bloom the following year if stepped on.
- One pass by one person one time per week in the same area will result in a change in vegetation.
- It takes no more than 15 people to walk in the same path to create a social trail.
- A uniformed presence prevents 100% of off-trail hiking – the method that receives the highest level of compliance.
- If 4% of visitors hike off-trail in Paradise, based on 1,500,000 visitors to Paradise it is estimated that:
 - 60,000 people hike off trail
 - 1,038,000 plants are trampled if only one step is taken
 - 10,380,000 plants are trampled if 10 steps are taken
- It costs between \$2.50 and \$3.50 per plant for restoration.
- Our restoration goals are to plant 8 -10 plants per square foot.
- In 2004 only 18,000 plants were grown for restoration at Sunrise and Paradise.... mostly Sunrise.
- In the late 1980s there were 913 impacts totaling 28 miles in Paradise
- There are 16 trails, a total of 13.5 miles, in Paradise.